

AJMVP'S



New Arts, Commerce & Science College, Ahmednagar



अहमदनगर जिल्ह्यातील
एकमेव...

न्यू आर्ट्स कॉमर्स अँड सायन्स कॉलेज

बी. व्होक. इन प्रिंटींग टेक्नोलॉजी

Admission open for 2022-23



(NAAC ACCREDITED & SPPU AFFILIATED)

SIX-SEMESTERS DEGREE COURSE

New Arts, Commerce & Science College

New Arts, Commerce and Science College, Ahmednagar established by the parent institute Ahmednagar Jilha Maratha Vidya Prasarak Samaj, Ahmednagar in 1970 is affiliated to the Savitribai Phule Pune University, Pune and registered under section 2(f) and 12(B) of the UGC.

The total number of programmes offered at present is more than seventy, which include thirty under graduate, twenty six post graduate, nine research centres. Some of the prominent academic programmes offered include Computer Science, Micro-Biology, Nano-Technology, Wine Technology, Animation, Music, Computer Applications, Vocational Courses and nine Research Centers leading to Ph.D. degree. The library is well stocked with more than 1.35 lakh books and 157 journals. The college is at the forefront in the field of sports and games.

Many students have secured gold, silver, bronze medals at university; state, national and international level sports events.

Achievements by the College:

-NAAC accredited 'A ++' grade college with CGPA 3.79

-DST-FIST sponsored college by Department of Science and Technology, Govt. of India

-STAR COLLEGE status by Department of Biotechnology, Govt. of India

-"Best College Award" by Savitribai Phule Pune University, Pune 2003-2004, 2015-16

-"College with Potential for Excellence" status by University Grants Commission, New Delhi.

Bachelor of Vocational in Printing Technology

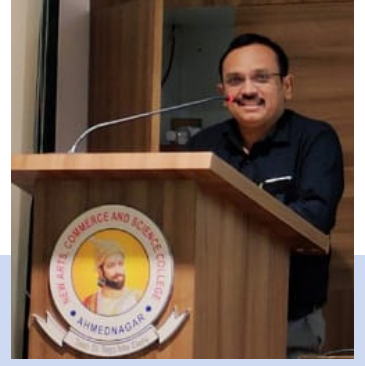
The proposed vocational programme in printing technology aims at imparting a sound theoretical knowledge and trains the candidates in developing vocational skills like offset printing, gravure printing, flexography, letter press, screen printing, including the machine operations.

The students will be equipped with the subject knowledge of printing material, pre-press technologies, digital printing, security printing, print finishing techniques, project work, business management, entrepreneurship development, cost estimation etc.

The packaging technology has been included in the curriculum to impart basic knowledge of packaging so that students can develop a professional career in this emerging field. It involves developing the specialized, technical and managerial skills in performing pre-press work like typesetting, graphics designing and editing, making of image carrier, press work and printing, finishing the final output.

We feel assured that the candidates having knowledge of printing technology through specially designed Diploma, Advanced Diploma and Bachelor Degree have a good potential of employment in different positions coordinator in publishing and advertising agencies, sales and marketing personnel etc. like shop floor production personnel, supervisor, production manager, works manager, maintenance personnel,

FROM THE HOD'S DESK



जगातील प्रामुख्याने दोन उद्योगक्षेत्रात तंत्र आणि तंत्रज्ञानाद्वारे तसेच इलेक्ट्रॉनिकच्या माध्यमातून अत्यंत जलद बदल होत गेले आणि हे बदल ते या उद्योग क्षेत्रांनी आत्मसात हि केले या उद्योग क्षेत्रांपैकी एक म्हणजे मुद्रण आणि ग्राफिक्स रीप्रोडकशन क्षेत्र होय.

एखादे पुस्तक, ब्रोशर, प्रोडक्ट, लीफलेट, पोस्टर छपाई करणे असल्यास प्रथम हे काम ग्राफिक्स डीझाईनर कडे सुपूर्त केले जाते. हा डीझाईनर संगणकाच्या साहाय्याने त्या कामाचे रफ विझ्युअल तयार करतो हे रफ डीझाईन कस्टमरने ओके दिल्यावर प्रीप्रेससाठी पुढे दिले जाते. ग्राफिक्स डीझाईनर हा कमर्शियल आर्तीस्ट असतो. टाईप सिलेक्षण कलर सेन्स लेय ऑट व सर्वसाधारण माणसापेक्षा त्याला सेन्स ऑफ प्रोफेशन जास्त असतो. ग्राफिक्स डीझाईनर कोरल ड्रॉ, इन डीझाईन इलस्ट्रेटर, स्कॅनिंग, आदी सॉफ्टवेर वापरण्याचा अनुभव असावा लागतो. तो स्वतंत्रपणे आपला व्यवसाय करतो व एखाद्या पब्लिशिंग हाउस मध्ये जाव करतो. जाणकार ग्राफिक्स डीझाईनर चांगले पैसे कामवू शकतो. त्याला छपाई मधील सर्व टप्पे पेपर साईझ, बाईंडिंग या सर्व बाबतीत ज्ञान असल्यास उत्तमच.

प्रोग्रामर हा मुद्रा उद्योगातील एक महत्वाचा घटक गणला गेला आहे. प्रामुख्याने छपाई उद्योगात तीन विभागात कामे होतात. एक आहे प्रीप्रेस त्यामध्ये डीझाईन टे प्लेट तयार होई पर्यंतच्या कामाचा समावेश होतो. प्रोग्रामरला संगणकाच्या कामाची माहिती तर असतेच पण त्याच छपाई तील टप्प्यांचे सखोल ज्ञान असायला लागते. इलेक्ट्रॉनिक्सचे बेसिक ज्ञान आवश्यक आहे. छपाईतील सर्व अत्याधुनि मशीन इक्विपमेंट्स हि प्रोग्रामरद्वारे चालवली जात असल्यामुळे त्यातील दर्जा व सातत्य प्रणाली मुळे प्रत्येक वेळी उत्पादनात सातत्याने दर्जा राखला जातो. व्हेरीएशन कंट्रोल केले जाते वेस्टेज वर नियंत्रण ठेवणे शक्य होते. युवा वर्गाला या विभागात काम करण्यात अधिक स्वारस्य आहे. असे आढळून आले आहे . उत्पादन व्यवस्थापक मुद्रण उद्योग तंत्रज्ञान मधील पदविका अथवा पदवी संपादन केल्यानंतर काही वर्ष्यांच्या अनुभावानंतर हे पद मिळू शकते. या नंतर व्यवस्थापनातील पदवूतर पदवी प्राप्त केल्यास न्युज पेपर इंडस्ट्री मध्ये प्रोडक्शन ईनचार्ज आणि नंतर प्रोडक्शन मनेजर अशा पदावर काम करण्याची संधी मिळू शकते .

मुद्रण क्षेत्राचा विस्तार हा प्रामुख्याने व्यावसायिक मुद्रण क्षेत्र पकेजिंग वर्तमान पत्राचे मुद्रण आणि फ्लेक्सिबल पकेजिंग व कनवर्टिंग क्षेत्र अश्या चार विभागात मांडला जातो . या व्यतिरिक्त ग्रेव्यूर प्रिंटींग , स्क्रीन प्रिंटींग, शिवाय कास्टमेटिक ट्रेड मध्ये मट स्पॉट थर्मल हे लामिनेषण चे प्रकार लक्ष्य वेधून घेतात .

प्रा.अरुण गांगर्डे

विभाग प्रमुख

ABOUT B.VOC. IN PRINTING TECHNOLOGY COURSE

The B. Voc. program is of three-year duration. It has a specific feature of multi point entry and multi point exit provision.

Hence a student, who completes one year, shall be awarded Certificate in Diploma subject to the condition of earning the required credit points. Similarly, after completing the second year, Advance Diploma shall be awarded. On successful completion of third year, candidate shall be awarded the degree of Bachelor in Vocational (Printing Technology).

If any student desire to take admission to other university at any other stage i.e., on completing first year, he/she may be permitted to take admission to second year in same branch. Similarly, on completing the second year, one can be admitted to the third year of the programme.

B. Voc. First year: Diploma in Printing Technology.

B. Voc. Second year: Advanced diploma in Printing Technology.

B .Voc. Third year: Bachelor of Vocation in Printing Technology.

Key Points of the Course:

1. UGC Recognized & Savitribai Phule Pune University affiliated
2. Vocational Degree course Education
3. Advance CGPA / 10-point Grade method for mark calculation
4. Compulsory Industrial Visit & Industrial Training in each semester
5. Compulsory Industrial Internship for last six months

DISTINCTIVE FEATURES OF B.VOC.

**“NAAC” Accredited
&
“SPPU” affiliated**

100% Campus Placement

**Focused Practical
Exposure**

**Compulsory 6 months
Industrial Training**

Compulsory Field Work

**Highly Equipped Labs
for Practical Exposure**

**“MOU” with Printing
Industries**

**Collection
of
Library Resources**

ENRICHING TALENTS

1

Emphasis on Proactive Learning by working on various printing machines (Screen, Offset, Digital)

2

Hands - on Practical Sessions for the Graphic Design Software such as Adobe Photoshop, Illustrator, Corel Design

3

Expert Guest Lectures, Seminars, Workshops, Field work and Communication Skills & Personality Development workshops

4

Acquaintance to the Interdisciplinary Challenges through Industrial Visits & Educational Tours

5

Excellent Campus Placement support & guidance

ELIGIBILITY CRITERIA FOR ADMISSION

Any candidate who has passed the XII standard Examination in any (Arts, Commerce, Science & Vocational) stream from Maharashtra State Board of Secondary and Higher Secondary Education or equivalent Board of Examination is eligible for admission to the First Year of this program.

OR

Passed Three Year Diploma Course approved by the DTE MSBTE, Maharashtra State or equivalent authority in the field of Printing Technology

Note: Admission will be given on the basis of 12th/ Diploma (printing technology) percentage only.



THE CURRICULUM

B.Voc Course runs on Credit System (CS). It is an instructional package developed to suit the needs of students to keep pace with the developments in higher education and the quality assurance expected of it in the globalization in higher education and industry oriented view.

All the courses are covered with theoretical and practical exposure for skill development. Special emphasis is laid on implementation of this subjects in laboratory practical as well as in association with the industry via field work and industrial training programs offered by this course.

The subjects are categorized as:

Core Courses

subjects related to the basic printing processes such as Offset, Screen, Flexography, Gravure Printing with print finishing techniques.

Graphic Design, Advertising & Marketing

subjects offered for the design related software such as Adobe Photoshop, Indesign, Illustrator & CorelDraw and Marketing mix.

Courses related to Material Science

subjects offering raw materials used for printing such as paper, ink, plastic, etc. & its manufacturing process.

Courses related to Packaging Technology

subjects focusing on the packaging techniques & types with manufacturing processes.

Courses related to Security Printing Techniques

subjects related to the Security printing processes techniques.

Courses related to Cost Estimation

subjects offering cost estimation process in all the areas in the field of printing.


Courses related to Field work

subjects related to the field work, i.e. for practical exposure to the operations performed in the industry.

Courses related to Industrial Training/ Internship

subjects related to the training/ internship so as to work on live issues & trends in this field.


Ahmednagar
Department of B.Voc Printing Technology
Guest Lecture Series
7th June to 12th June 2021



Speaker: Mr. Dayakar Reddy
Subject: Current Trends in Printing Industry
Date: 7th June 2021
Day: Monday Time: 9.30 am & Onwards

Click here to join:
<https://meet.google.com/mtz-teuw-irv>
Connect using Google Meet before

Department of B.Voc Printing Technology
Guest Lecture Series
7th June to 12th June 2021



Speaker: Mr. Panthala Selvan
Subject: Color Spectrometry
Date: 8th June 2021
Day: Tuesday Time: 2.00 pm & Onwards

Click here to join:
<https://meet.google.com/euj-xngu->
Connect using Google Meet before

Department of B.Voc Printing Technology
Guest Lecture Series
7th June to 12th June 2021



Speaker: Dr. Akshay Joshi
Subject: Implementation of G7 in Flexography Process
Date: 10th June 2021
Day: Thursday Time: 10.00 am & Onwards

Click here to join:
<https://meet.google.com/okb-ntir->
Connect using Google Meet before

COURSE STRUCTURE

Semester I

- Elements of Printing Technology
- Fundamentals of ICT
- Desktop Publishing (*DTP, Adobe Photoshop*)
- Practical on Screen Printing
- Practical on Fundamentals of ICT
- Practical on Desktop Publishing
- Practical on Communication Skills
- Field Work

Semester II

- Advanced Printing Technologies
- Web Designing
- Graphic Design & Advertisement
- Offset Machines
- Web Designing
- Graphic Design & Advertisement (*CorelDraw*)
- Personality Development
- Field Work

Semester III

- Image Carrier Generation
- Web offset
- Ink Technology
- P- Image Carrier Generation
- P- Sheetfed Offset
- P-Ink mixing & Shade Matching
- P- Cost Estimation
- Field Work

Semester IV


- Finishing Techniques
- Basic Packaging Technology
- Gravure, Flexography & Digital Printing
- P- Finishing Techniques
- P- Digital Printing (Adobe Illustrator)
- P- Advanced Screen Printing
- P- Environmental Science
- Field Work

Semester V

- Package Design and Development
- Security Printing, Copyrights and Ethics
- Modern Trends In Printing
- Material Science
- P- Package Design and Development
- P- Paper and ink Testing
- Troubleshooting & Machine Maintenance
- Project Stage - I
- Field Work

Semester VI

- Internship/ Industrial Training
- Project Work (Stage-II)



New Arts, Commerce and Science College, Ahmednagar

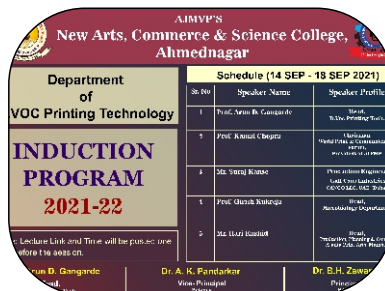
Department of B.Voc Printing Technology
Guest Lecture Series
7th June to 12th June 2021

Speaker: Mrs. Madhura Mahajan

Subject: Physical & Optical Dot Gain

Date: 12th June 2021
Time: 02.00 am & Onwards
Day: Saturday

Click here to join:
<https://meet.google.com/eqj-avpg-cox>
Using Google Meet before 15 minutes



New Arts, Commerce & Science College, Ahmednagar

Department of
VOC Printing Technology

INDUCTION PROGRAM 2021-22

Schedule (14 SEP - 18 SEP 2021)		
Sr.No	Speaker Name	Speaker Profile
1	Prof. Anand B. Gangrade	Head, B.Ed. Printing Tech.
2	Prof. Anand B. Gangrade	Head, B.A. & B.Com. Printing Tech. & B.A. & B.Com. Printing Tech.
3	Ms. Sangeeta Kulkarni	Print and Ink Inspector, B.A. & B.Com. Printing Tech. & B.A. & B.Com. Printing Tech.
4	Prof. Ghanshyam Kulkarni	Head, B.A. & B.Com. Printing Tech. & B.A. & B.Com. Printing Tech.
5	Ms. Ujjwal Kulkarni	Head, B.A. & B.Com. Printing Tech. & B.A. & B.Com. Printing Tech.

Faculty: Dr. D. Gangrade, Dr. A. K. Pandharkar, Dr. B.H. Zaveri



INFRASTRUCTURAL RESOURCES



QUAD CAMERA
Shot on realme 5

CURRICULAR ACTIVITIES @ B.VOC PT



TECH TALKS

Stimulating Inquisitiveness through talks on Emerging Techs



PRINT OLYMPIAD

National Level Technical Festival for Stimulating Young Minds



EXPERT LECTURE SERIES

Guidance by Industry Experts on the Advancements in Technologies



INDUSTRIAL VISITS

Exploring Various Dimensions of Technology



EDUCATIONAL TOURS

Educational Tours to Gain Insight Beyond Textbooks



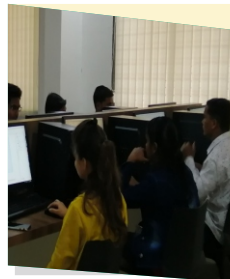
SEMINARS & WORKSHOPS

Seminars & Workshops Covering various areas of Technology



SOFT SKILLS

Develop Technological & Intellectual Abilities, Communication Skills and Teamwork Capabilities



Graphic Design

Graphic Design Challenges to enhance Designing Skills

FUTURE OPPORTUNITIES OF B.VOC.

"With holding a degree in printing technology, you can expect lots of career opportunities in India as well as abroad." Printing Industry is one of the fastest growing industries of the country. Career opportunities are rising rapidly in this field.

This field offers promising opportunities to the deserving one, but a lot of hard work and patience are also required. Printing Technology has definite scope in today's media-driven world. Printing Jobs are not restricted to the press industry. After pursuing courses in this field, you can get jobs in magazines, newspapers and advertising agencies, government and private publication houses and teaching jobs in various colleges and universities. You can work in private sectors, some government-run publishing houses approach printing technology graduates. As a fresher, you work as an editor, sub-editor, assistant sub-editor, associate editor or assistant editor in the publication division. You can also work as a production in-charge.



Printing Supervisor

Trainee Engineer

Press Manager

Quality Assurance
Engineers

Marketing Manager

Printing Technologists

Screen Room Printing
Engineer

and many more.....

CURRICULAR ACTIVITIES @ B.VOC PT



CULTURAL ACTIVITIES

Celebrations of the Cultural activities



TEACHER'S DAY 2019

Cultural Activities – Platform to Showcase Multifaceted Talent



SOCIAL SERVICES

Awareness about Social Assets & Responsibility



SPORTS

Motivation for an All-Round Development



HEALTH AWARENESS

Guest Lecture on Boosting Immune system during COVID-19



PRINT ODYSSEY

Guidance by Mr. Kamal Chopra during Print Odyssey in Ahmednagar






B.VOC (Printing Tech.)


I Prefer Living In Colour


CONTACT DETAILS:

Bachelor of Vocational In Printing Technology B.Voc Programme

New Arts, Commerce & Science College, Ahmednagar

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 <https://sites.google.com/view/dpt-bvoc>

 <https://www.facebook.com/B.Voc.PrintingTechnology>

For Admission Contact us:

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